Study into impact of biomass burning gets underway

17 September 2012 - Scientists from the UK have travelled to Brazil to work with international colleagues on a project to study the impact of smoke plumes from biomass burning on the weather, air quality and climate.

The mission, known as SAMBBA (South American Biomass Burning Analysis), is led by the Brazilian research institute INPE , with the University of Sao Paulo , the Met Office and a number of British universities.

SAMBBA is a unique collaboration between Brazilian and UK scientists, who have developed world-leading forecast models, and are equipped with state-of-the-art scientific instrumentation. This includes the joint Natural Environment Research Council and Met Office FAAM BAe-146 atmospheric research aircraft.

The partnership will enable Brazilian and international scientists to improve their understanding and forecasts of smoke plumes, air quality, visibility, weather and climate.

This international science program continues to build on strong relationships that have been fostered between Brazilian and UK research communities over the past years; it continues the exchange of scientific and technical excellence between the two countries, to the benefit of both nations.

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